CLEAN COAL STUDY GROUP
Friday, December 2, 2005
Speaker Biographies

Phil Amick, Technology Director for Gasification, ConocoPhillips

Phil Amick is the Technology Director for Gasification in ConocoPhillips' Technology Solutions Division. His responsibilities include business and project development for gasification facilities featuring ConocoPhillips' E-Gas Technology for coal and petcoke gasification.

From 1990 to 1996, Phil was the Project Manager for the design and construction of the Wabash River syngas facility.

Since completion of Wabash, Phil has been focused on a variety of business management, development and regulatory responsibilities in the gasification arena. Phil graduated from Rose-Hulman Institute of Technology in Terre Haute, Indiana in 1980 with a degree in Mechanical Engineering. He is currently an officer of the Gasification Technology Council and active on the Technical Subcommittee of the Coal Utilization Research Council.

Conrad Anderson, President, Madison Power Corporation

Mr. Anderson has 25 years of experience in the power industry, primarily in the front-end development of power generation projects with a focus on each project's conceptual design, estimated costs and performance, and the commercial terms in critical project agreements needed for non-recourse project financing. Since the early 1980s, Mr. Anderson has evaluated the commercial and technical aspects of over 75 power generation projects and participated in closing over 30 transactions. Mr. Anderson holds MS and BS Degrees in mechanical engineering.

Stuart Dalton, Director – Generation, EPRI

Mr. Dalton joined the Electric Power Research Institute in 1976. Prior to joining EPRI he was with Pacific Gas & Electric evaluating new generation options (coal gasification and conventional coal), refuse firing, and NOx control retrofits, and with Babcock & Wilcox providing coal boiler service, pulp and paper mill service and startup. With EPRI from 1979-94 he headed the SO_2 Control and integrated emissions areas. For the last ten years he has managed and developed strategy for broad areas of the advanced coal, fuels, economics and emission control R&D portfolio. He is currently Director for the Generation Sector at EPRI. Mr. Dalton has a chemical engineering degree from the University of California at Berkeley.

Lee Schmoe, Gasification Technology Manager, Bechtel Corporation

Lee Schmoe is the Gasification Technology Manager for Bechtel in Houston. Within the GE Bechtel IGCC Alliance, he is involved with the Alliance reference plant design optimization, technology assessment, application of the reference plant design to specific projects, and management of the alliance's Center of Excellence.

He has been with Bechtel for 28 years with most of that time in the fields of IGCC, gasification, and gas-to-liquids. His gasification experience began with process design and plant operations for the Cool Water IGCC project in the early 1980s. More recently, he also served as Deputy Project Manager on the Tampa Electric Polk Power project from engineering through initial operations.

He has a Bachelors of Science and a Masters of Chemical Engineering, both from Rice University.

Norman Shilling, Leader- Process Power, GE Power Systems

Dr. Shilling is currently Product Line Leader for IGCC at GE Power Systems. His responsibilities include product line leadership for GE turbines applied to IGCC, new product development, syngas turbine applications and market development.

Previously, he held positions at GE Corporate R&D as Project Manager for low-emissions Locomotive Diesel Development. Prior to that he collaborated with many GE businesses on Pollution Prevention and energy efficiency initiatives. Norm has also served in Strategic Technology Planning for GE.

His background in environmental and utility power generation includes Advanced Engineering Development Manager at GE Environmental Systems where he was responsible for the development of scrubbers and particulate controls for utility power plants. His experience also includes nuclear steam generator development at Westinghouse and advanced automotive power-plant development at General Motors.

Norm holds a BS degree from Stevens, an SM degree from MIT and D.Sc. degree from New Jersey Institute of Technology. He has taught in the graduate school at Penn State. He is a licensed Professional Engineer.